

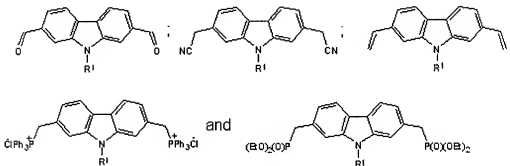
## AMENDMENTS TO THE CLAIMS

### Listing of Claims

This following listing of the claims replaces all previous listings or versions thereof:

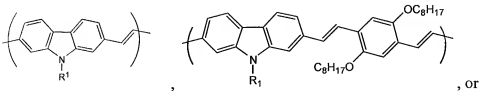
1-74. (Canceled)

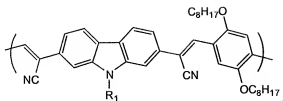
75. (Previously presented) A polymer comprising the reaction product of a compound selected from the group consisting of:



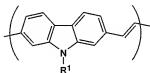
wherein  $R^1$  is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl; and optionally 2,5-diethoxy-1,4-diformylbenzene, and

wherein the polymer is a homopolymer comprising repeating monomers consisting of the following structure:

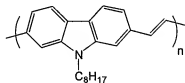




76. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:

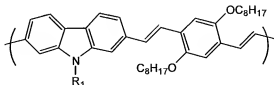


77. (Original) A polymer as defined in claim 76, wherein R<sup>1</sup> is hexyl or 2-ethylhexyl.
78. (Original) A polymer as defined in claim 77, wherein R<sup>1</sup> is 2-ethylhexyl.
79. (Original) A polymer as defined in claim 78 having the formula:



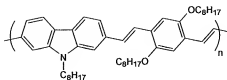
wherein "n" is an integer ranging from 5 to 100.

80. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:



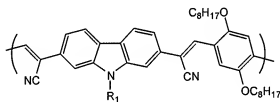
81. (Original) A polymer as defined in claim 80, wherein R<sup>1</sup> is hexyl or 2-ethylhexyl.

82. (Original) A polymer as defined in claim 81 having the formula:

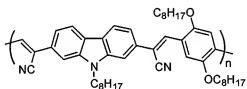


wherein "n" is an integer ranging from 5 to 100.

83. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:



84. (Original): A polymer as defined in claim 83, wherein  $\text{R}^1$  is hexyl or 2-ethylhexyl.
85. (Original): A polymer as defined in claim 84 having the formula:

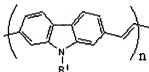


wherein "n" is an integer ranging from 5 to 100.

- 86-97. (Canceled)

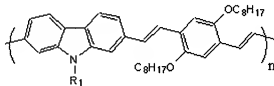
98. (Withdrawn) A 2,7-carbazolenevinylene-based material having charge transport properties comprising the polymer of 75.

99. (Withdrawn) A film or coating having charge transport properties for use in an electronic device, comprising the polymer of 75.
100. (Withdrawn) The film or coating of claim 99, wherein the electronic device is configured as a light-emitting diode.
101. (Withdrawn) The film or coating of claim 99, wherein the electronic device is configured as a field-effect transistor.
102. (Withdrawn) The film or coating of claim 99, wherein the electronic device is configured as a solar cell.
103. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:



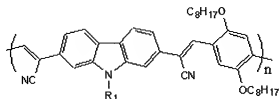
wherein "n" is an integer ranging from 5 to 100.

104. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:



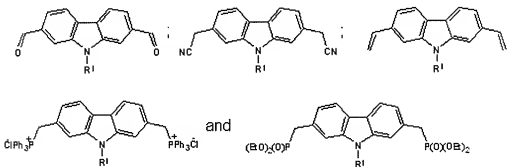
wherein "n" is an integer ranging from 5 to 100.

105. (Previously presented) A polymer as defined in claim 75, wherein the monomer is:



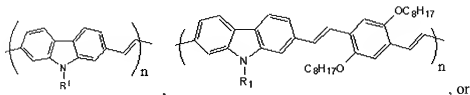
wherein "n" is an integer ranging from 5 to 100.

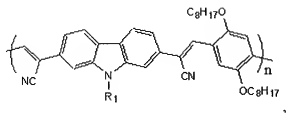
106. (New) A polymer comprising the reaction product of a compound selected from the group consisting of:



wherein R<sup>1</sup> is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl; and optionally 2,5-dioclyoxy-1,4-diformylbenzene,

wherein the polymer comprises the following structure:





wherein  $n = 5-100$ .